MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY, 1934

J. A. BROWN, DIRECTOR

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FEBRUARY 1934

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	63.3	60.5	60.9	61.2	18.3	11.8	16.7	17.0	13.7	15.8
2	2.4	1.2	1.4	1.6	18.1	12.8	15.5	16.9	14.1	15.5
3	2.3	1.9	3.0	2.4	17.2	12.1	15.3	16.7	13.7	15.2
4	4.7	3.5	3.7	4.0	16.7	10.9	15.9	16.3	13.9	15.4
5	2.7	0.1	59.1	0.6	16.8	11.2	14.6	16.3	13.6	14.8
6	52.4	49.9	52.2	51.5	23.2	12.6	18.4	19.3	14.7	17.5
7	3.6	52.4	3.6	3.2	15.1	11.4	12.0	13.3	11.7	12.3
8	8.0	9.1	60.9	9.3	13.4	10.8	11.0	13.6	10.9	11.8
9	61.5	60.3	1.4	61.1	15.6	10.6	12.8	14.5	12.4	13.2
10	0.3	58.4	59.6	59.4	15.8	11.8	14.4	12.9	10.8	12.7
11	63.9	60.8	61.5	62.1	11.0	9.2	9.3	9.5	9.4	9.4
12	3.9	4.2	5.1	4.4	15.3	8.0	9.5	14.3	12.5	12.1
13	5.0	3.4	2.2	3.5	16.6	9.5	13.2	15.4	13.3	14.0
14	58.4	58.0	58.6	58.3	16.2	12.3	15.1	15.5	11.8	14.1
15	7.0	5.0	5.8	5.9	14.3	10.8	12.7	12.1	10.4	11.7
16	58.6	59.7	62.4	60.2	11.0	5.9	7.2	8.1	6.3	7.2
17	64.5	64.2	5.1	4.6	10.6	5.8	7.6	9.7	8.2	8.5
18	3.5	61.1	1.6	2.1	14.9	7.0	11.4	14.6	10.8	12.3
19	1.6	1.7	4.2	2.5	12.7	8.7	10.2	9.3	9.0	9.5
20	5.0	3.4	4.1	4.2	14.4	7.8	11.5	11.5	9.1	10.7
21	64.9	64.0	64.8	64.6	14.9	8.9	12.4	13.0	12.1	12.5
22	4.6	2.9	59.7	2.4	15.3	9.6	13.4	14.0	12.9	13.4
23	6.0	7.9	69.3	7.7	9.1	4.7	6.9	8.6	7.4	7.6
24	71.4	70.7	71.0	71.0	11.8	4.7	8.9	11.4	9.2	9.8
25	0.6	69.5	69.8	0.0	14.8	7.1	12.1	13.6	11.1	12.3
26	69 7	68.8	69.3	69.3	14.9	7.4	11.8	14.4	11.8	12.7
27	8.4	6.4	5.7	6.8	15.8	7.4	13.3	15.0	12.6	13.6
28	3.7	1.5	1.3	2.2	16.3	9.3	12.3	16.1	13.9	14.4
	762.89	761.80	762.40	762.36	15.00	9.29	12.37	13.67	11.47	12.50

Barometer, range for month 749.9 –771.4 mm.
,, 50-yr. average for month 762.300 mm.
Thermometer, Range for month 4.7°—23.2° C.
,, 50-yr. average for month 14.32° C.
Rain, total for month 230.728 m.m.
,, , 50-yr average for month 150.88 mm.
,, , total, Sept. 1st to end of month 541.476 mm.
,, , 50-yr. average, Sept. 1st to end of month 727.72 mm.

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	11.5	13.4	9.7	7.5	9.3	7.1	8.3	53	66	61	60	6.3	
2	12.7	13.3	11.3	9.3	9.3	8.5	9.0	71	65	71	69	8.6	
3	12.7	13.2	11.7	9.4	9.2	9.1	9.2	71	66	77	71	10.0	
4	11.6	12.2	10.8	7.9	8.3	8.0	8.1	58	60	68	62	10.4	
5	10.7	11.2	11.7	7.6	7.3	9.1	8.0	62	52	79	64	10.4	
6	13.7	13.7	12.7	9.1	8.7	9.8	9.2	57	53	79	63	0.0	3.560
7	10.9	11.9	10.8	9.0	9.5	9.1	9.2	86	83	89	86	0.0	14.480
8	10.7	11.1	10.0	9.3	8.4	8.6	8.8	94	72	88	85	0.0	71.835
9	10.4	11.7	11.8	8.1	8.7	9.9	8.9	73	70	92	78	0.0	2.159
10	13.0	12.4	10.4	10.3	10.5	9.1	10.0	83	95	94	91	0.0	31.627
11	8.4	7.9	7.2	7.7	7.2	6.4	7.1	88	80	72	80	0.0	9.400
12	8.8	12.0	10.2	8.0	9.1	8.0	8.4	91	76	74	80	4.5	0.510
13	11.5	12.6	10.4	9.2	9.2	7.9	8.8	81	70	69	73	7.5	3.810
14	10.4	11.3	10.1	7.1	7.8	8.2	7.7	56	60	80	65	5.5	
15	9.6	9.3	8.3	7.3	7.3	7.0	7.2	67	69	74	70	1.5	11.303
16	6.3	7.5	5.9	6.6	7.4	6.7	6.9	88	93	94	92	0.0	40.640
17	7.3	8.3	6.7	7.4	7.4	6.5	7.1	95	83	81	86	0.0	11.340
18	8.1	9.9	8.1	6.4	6.9	6.7	6.7	64	56	70	63	9.8	
19	8.5	8.6	8.1	7.3	7.9	7.5	7.6	80	91	89	87	1.0	10.920
20	9.1	9.9	8.4	7.3	8.2	7.9	7.8	72	81	91	81	5.1	10.545
21	8.7	10.1	10.1	6.5	7.7	8.1	7.4	62	69	77	69	5.1	2.671
22	10.9	11.5	10.2	8.4	8.7	7.9	8.3	72	73	71	72	6.2	2.155
23	4.7	5.1	4.4	5.3	5.0	4.9	5.1	70	60	63	64	2.5	3.683
24	5.4	7.9	6.8	5.1	6.3	6.2	5.9	61	63	71	65	10.5	
25	7.9	10.2	8.7	5.9	7.6	7.1	6.9	57	65	73	65	10.5	
26	8.2	9.7	8.9	6.4	6.7	7.0	6.7	62	55	69	62	7.2	
27	9.5	10.4	9.3	7.0	7.1	7.0	7.0	61	56	65	61	10.6	
28	9.7	11.7	10.8	7.2	7.9	8.0	7.7	62	58	68	63	10.6	
	9.67	10.64	9.41	7.63	8.02	7.76	7.82	71.3	69.3	76.7	72.4	5.13	8.240

eight of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

ry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.

im of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

ime of readings minus 2 hours equals G. C. T.

)-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	1st	5ci	6ci	4.0	0	1se	1sw	158.3	slight	
2	10ci	5ci	0	5.0	0	1w	0	99.2	„	mist in the morning
3	1cu	1cu	1cu	1.0	0	1sw	1s	160.8	light	
4	0	2cu	0	0.7	0	1sw	1ne	418.3	slight	
5	0	0	0	0.0	0	2ne	0	386.7	„	
6	10ni	10ni	9ni	9.7	1ne	6sw	5sw	724.5	mod.	th. st. at night
7	10ni	10ni	10ni	10.0	2se	3sw	0	724.5	stormy	lightn. in the eveng.
8	10ni	10ni	10ni	10.0	1sw	0	0	547.2	„	mist in the morning
9	6ci	9cu	8cu	7.7	1s	3sw	0	412.1	slight	
10	8cu	10ni	10ni	9.3	1sw	2s	0	419.9	light	
11	10ni	10ni	5cu	8.3	1sw	3sw	1s	538.6	mod.	mist in the morning
12	10ni	1cu	9cu	6.7	0	1sw	0	281.5	slight	
13	6cu	6cu	3cu	5.0	3s	5sw	4sw	916.2	mod.	lightn. in the eveng.
14	9ni	7cu	10ni	8.7	5sw	5sw	0	1142.5	stormy	tr. rn. a.m., hl. a.m.
15	9cu	10ni	9ni	9.3	6sw	5sw	6sw	1164.1	rough	hl. morn., hl. noon
16	5ni	10ni	6ni	7.0	3sw	1s	0	873.5	mod.	hl. neon, hl. eveng.
17	10ni	10ni	3cu	7.7	0	3sw	2sw	545.6	„	mist in the morning
18	1cu	1cu	6cu	2.7	1s	1s	0	220.7	slight	(and at noon
19	8cu	10ni	10ni	9.3	0	2sw	0	636.6	„	mist in a.m. th. st.
20	3cu	7ni	10ni	6.7	1sw	2sw	2w	523.6	„	(p.m.
21	8cu	10ni	9ni	9.0	3sw	5sw	3sw	686.9	stormy	
22	4cu	9cu	8cu	7.0	0	1sw	7sw	731.4	slight	mist a.m. light. p.m.
23	9ni	9cu	10cu	9.3	4nw	5nw	1s	786.4	rough	hail in the morning
24	1cu	1cu	0	0.7	1sw	1nw	2nw	303.4	slight	
25	1cu	1cu	6cu	2.7	0	1sw	2sw	194.4	light	
26	8cu	1cu	1cu	3.3	0	2nw	2ne	239.8	slight	
27	1cu	1cu	2cu	1.3	1ne	1sw	1ne	240.9	calm	
28	0	0	0	0.0	0	2nw	1nw	247.0	slight	
					35	66	47			
				5.79	1.2	2.4	1.5	511.59		

3 9 5

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	2	0	1	3	9	0	1	12	28
14:30	0	1	0	1	3	17	1	4	1	28
20:30	0	3	0	0	3	8	1	2	11	28
Totals	0	6	0	2	9	34	2	7	24	

Number of days with rain 16, fog 0, thunderstorms 2, gale 0.

50-yr. average number of days with rain during month 13.6